

# Friday, October 3<sup>rd</sup>

- 10 min: work on handout 23
- Discuss handout 23
- Spirogyra Observations (H24)
  
- **HW:**
  - NH

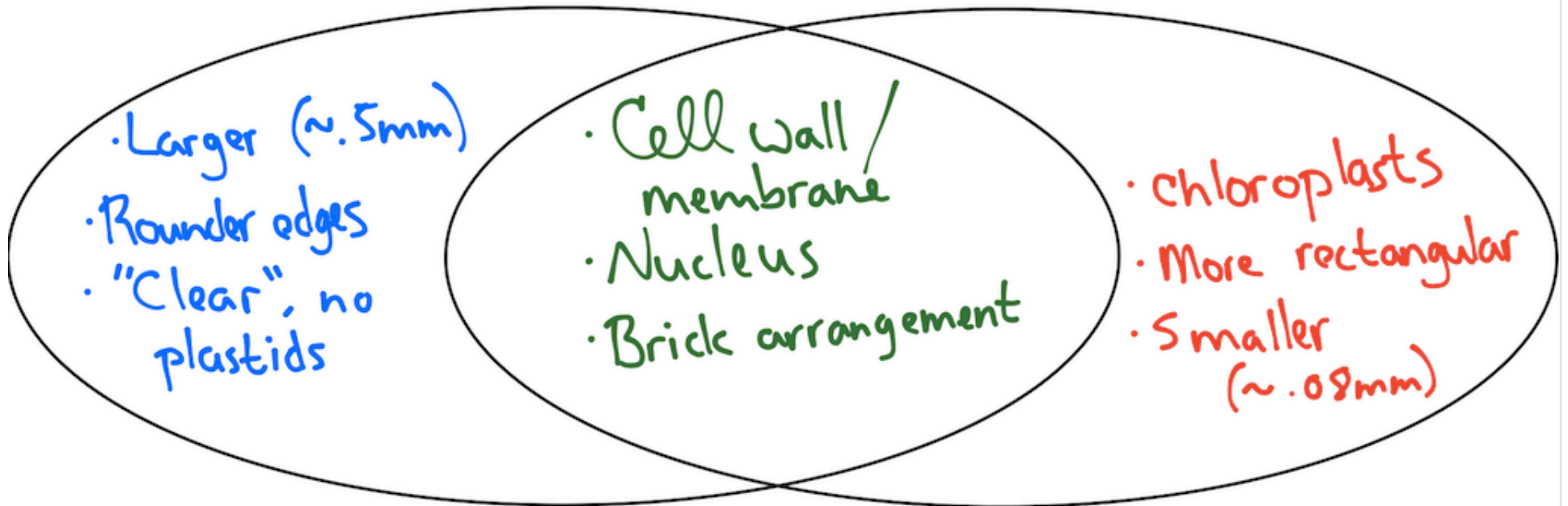
# Defining Key Terms

- **Cell Wall:** A rigid, non-living outer layer of a plant cell made of cellulose that supports and protects the cell.
- **Chloroplast:** A special plastid that contains chlorophyll for carrying out photosynthesis.
- **Vacuole:** Provides storage and support for plant cells.
- **Plastid:** a pigmented organelle that gives color.

# Venn Diagram

Onion Bulb Cell

Elodea Leaf Cell



# Reflecting #1

- The cells are arranged in a tightly packed brick-like pattern. This pattern provides support and structure to the plant. It also allows for easy transfer of materials between cells.

# Reflecting #2

- I disagree. The onion cell did not contain any chloroplasts and is a plant cell.
- This is an example of cell specialization. The onion cell doesn't need chloroplasts since the function of a chloroplast is to convert light energy into chemical energy. Ain't much light underground, peeps.

# Reflecting #3

- Plant cells have a cell wall, chloroplasts, chlorophyll, plastids, and large vacuoles that animal cells do not.

# Handout 24

- **Procedure:** steps 2-5 on p. 67
- Specimen container is on the front table.